

09/382402

# Block Diagram

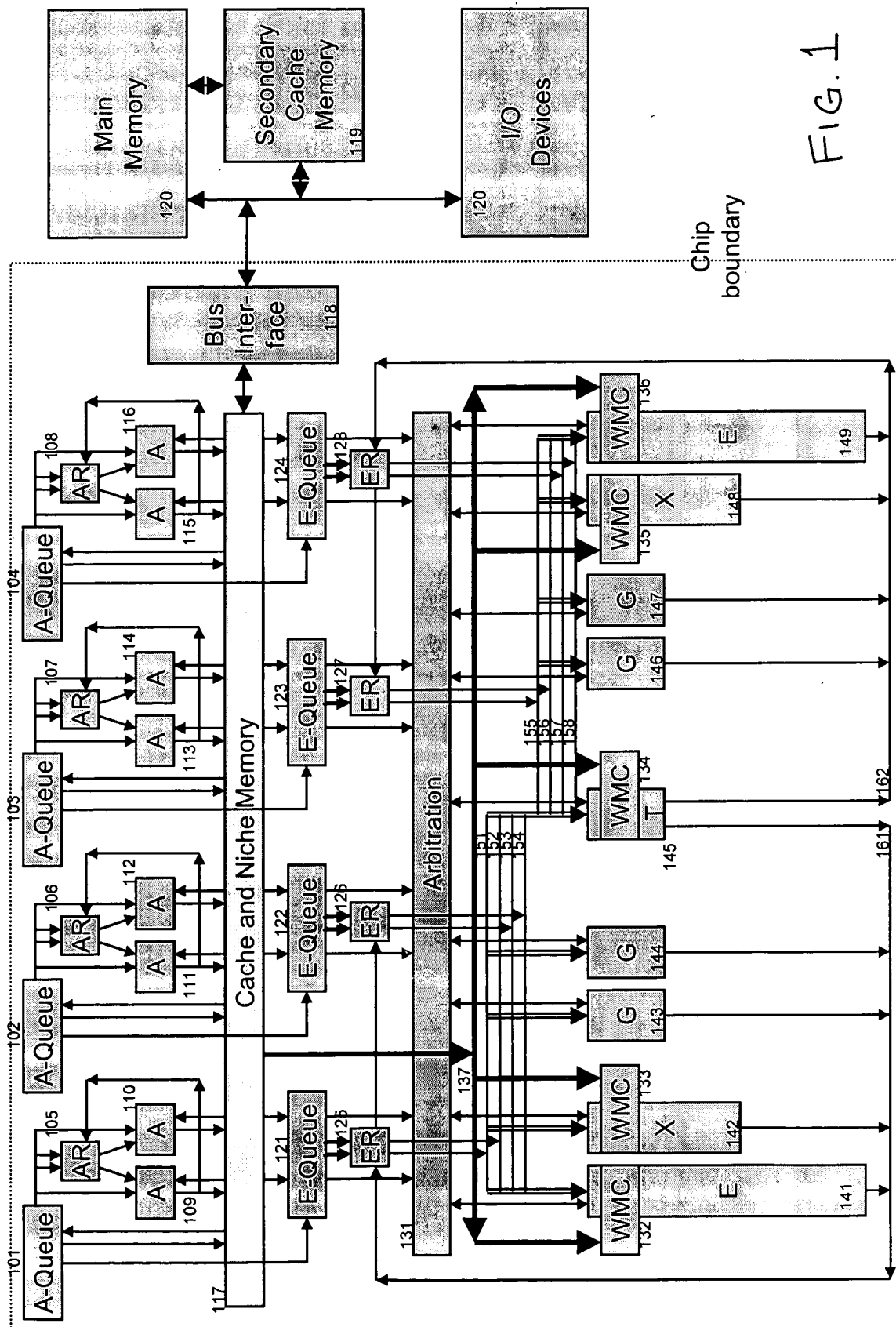
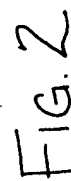


FIG. 1

```
rd_128 = m[rc]_128*rb_128
```



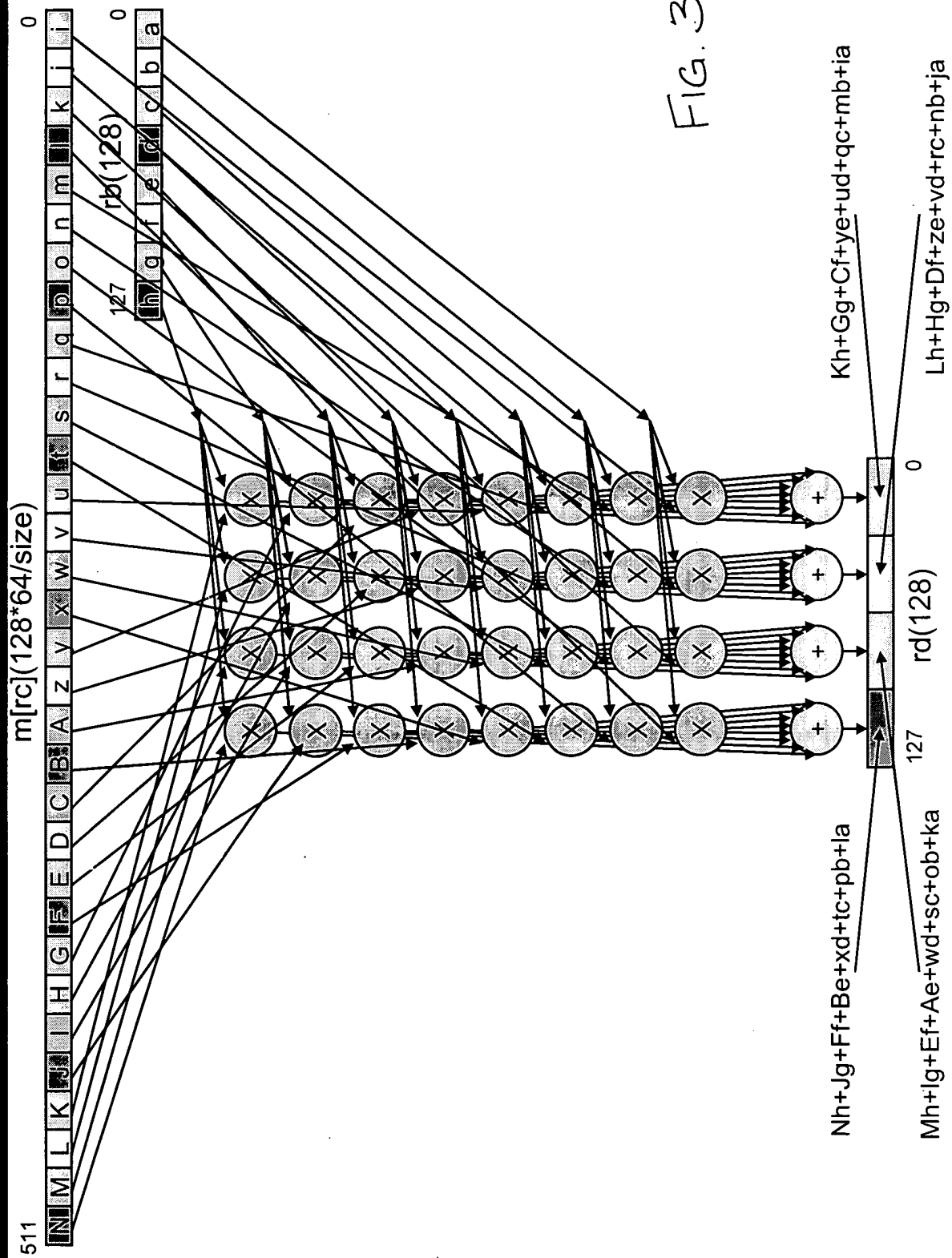
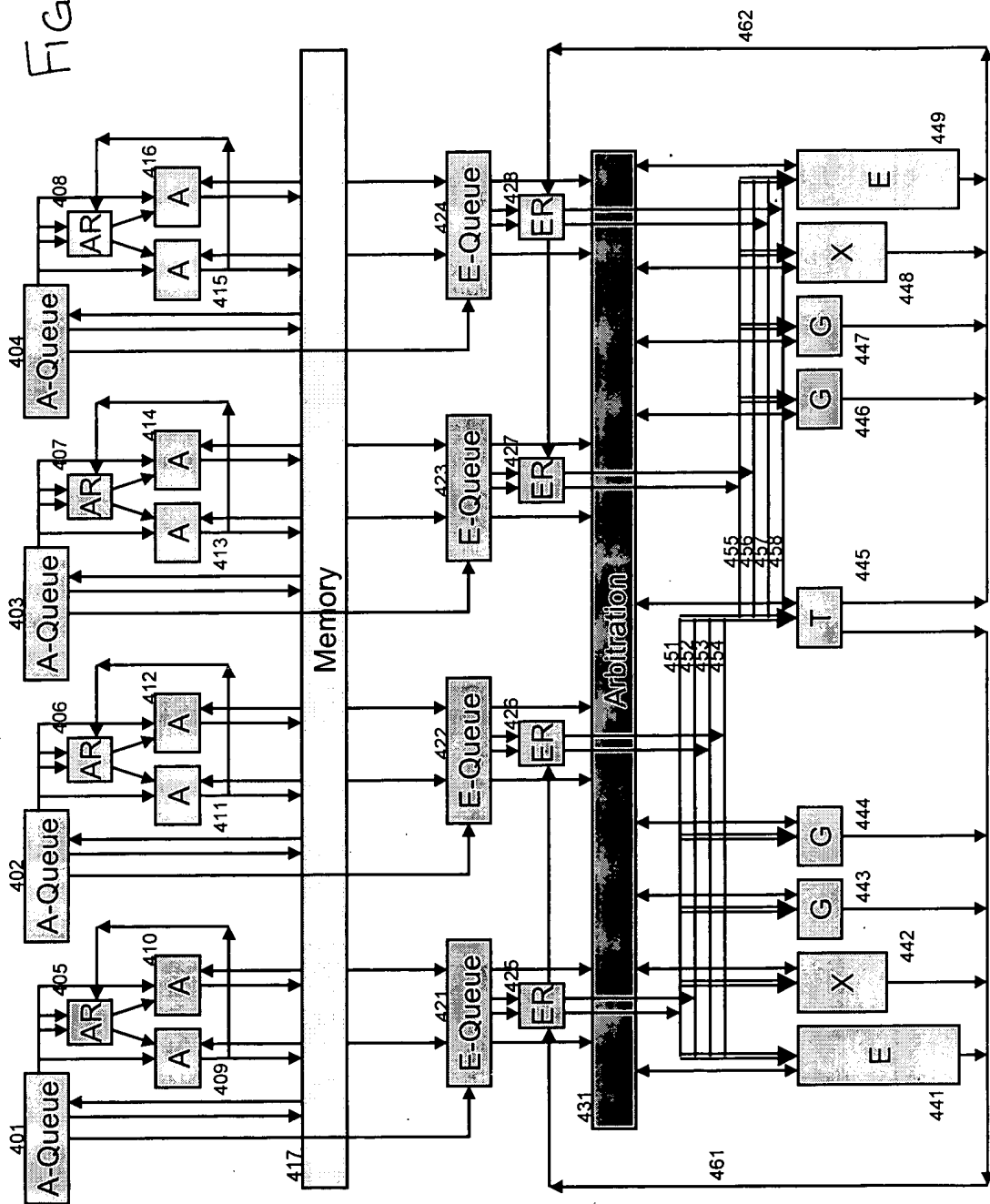


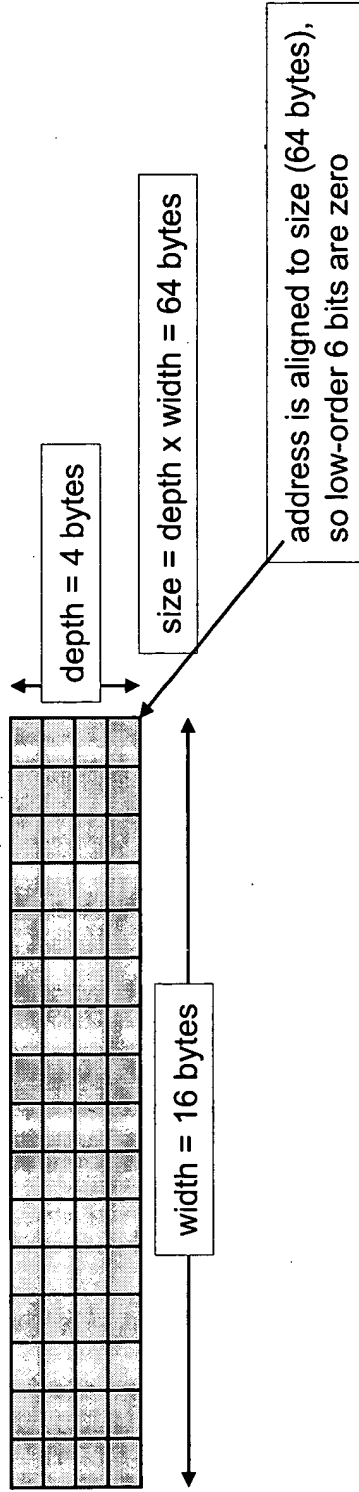
Fig. 4



# Wide operand specifier

■ specifier=address+(size/2)+(width/2)

FIG.5



address  
aaaaaaaaaaaaaaaaaaaaaaaaaaaa

000000

size/2  
00000000000000000000000000000000

100000

width/2  
00000000000000000000000000000000

001000

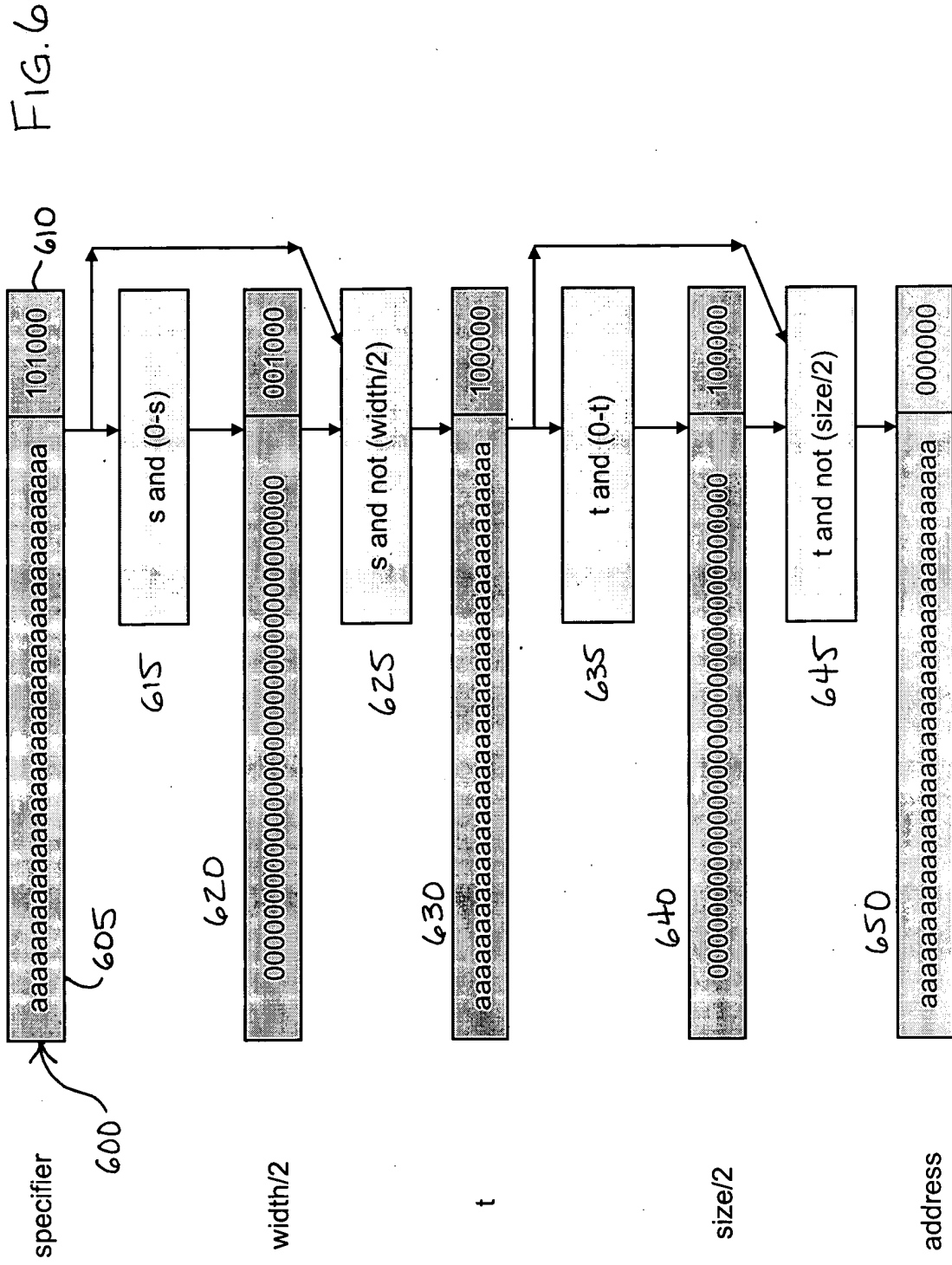
specifier  
aaaaaaaaaaaaaaaaaaaaaaaaaaaa

101000

500 →

← 505

# Software Decoding



# Wide function unit

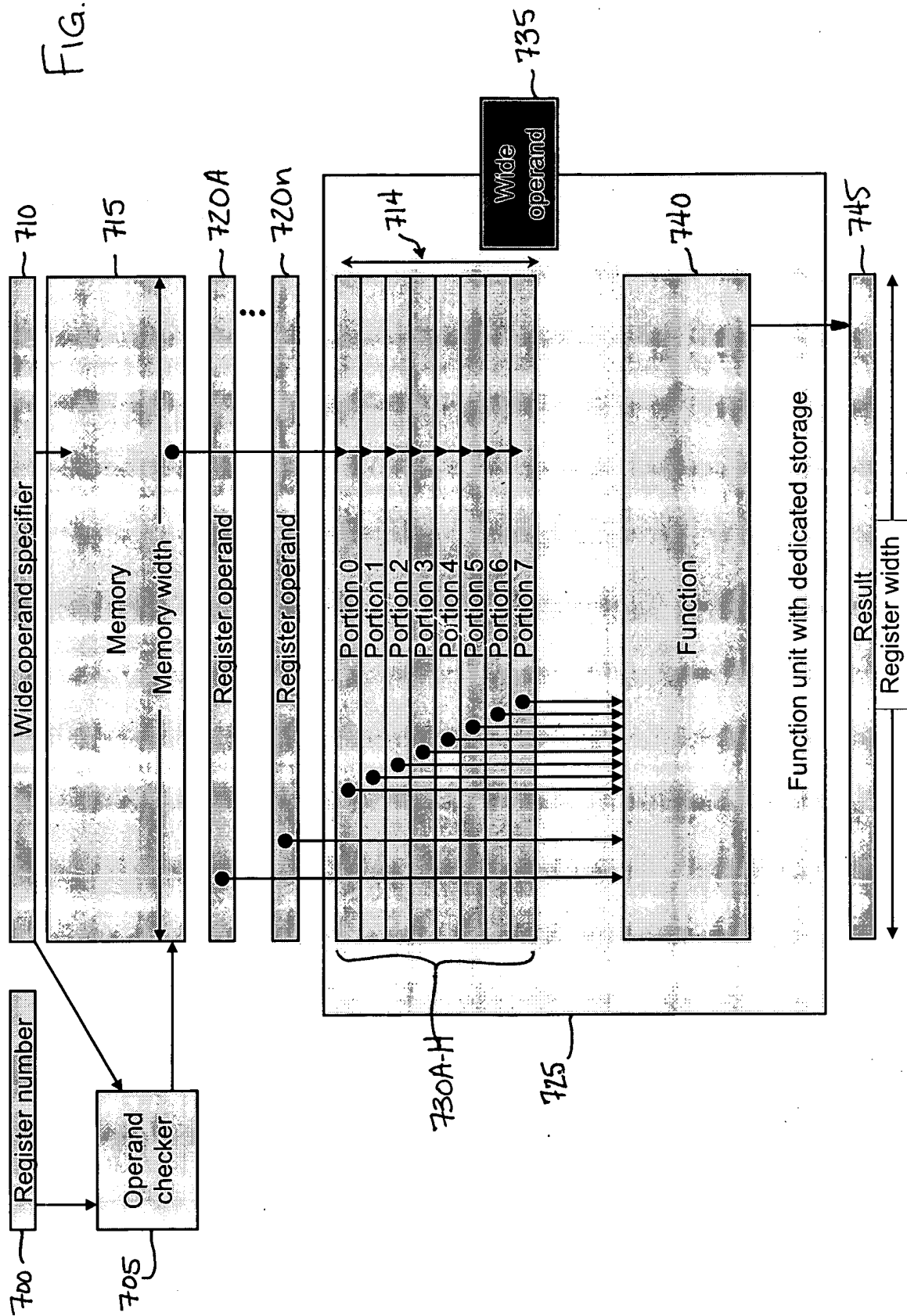
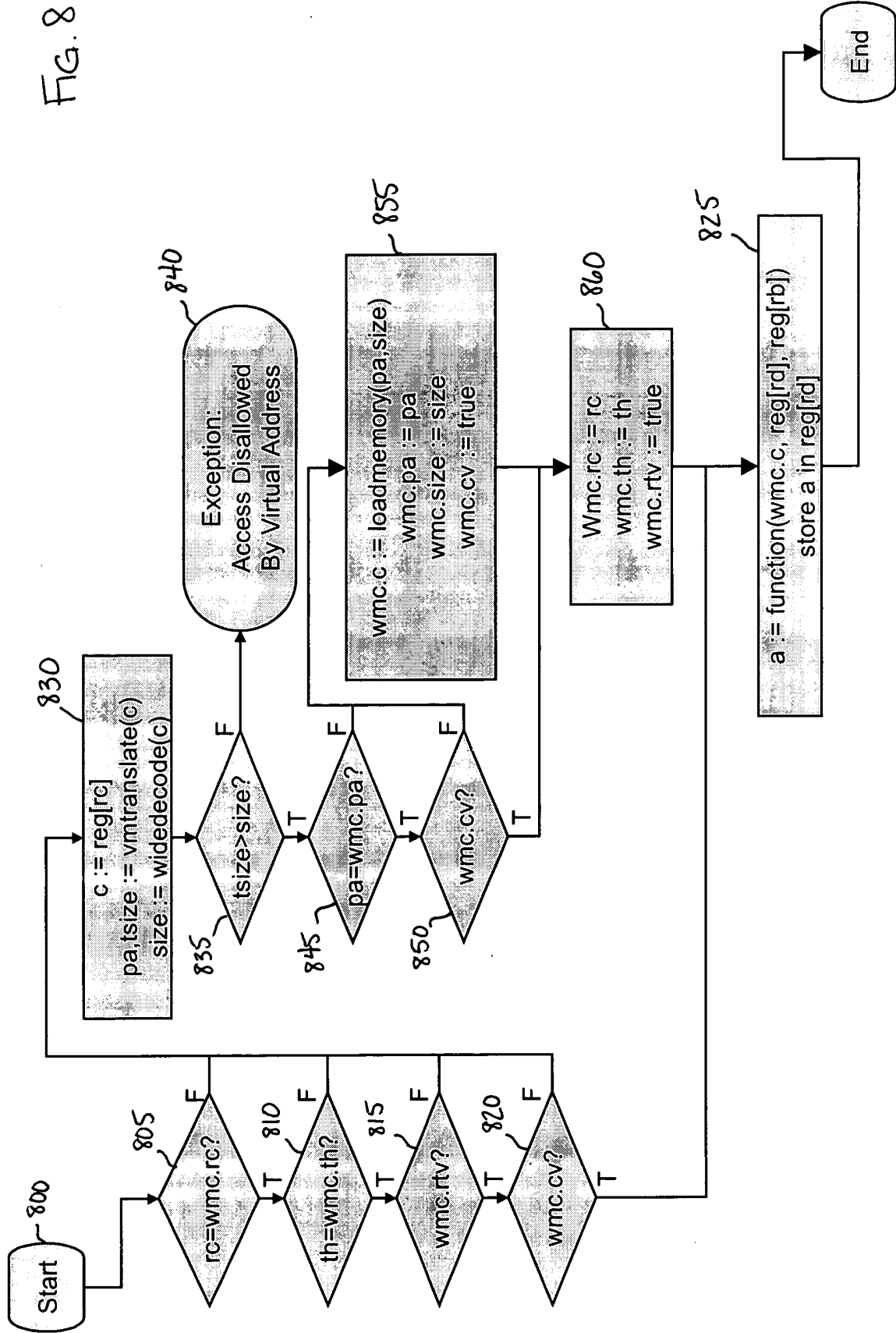


FIG. 8

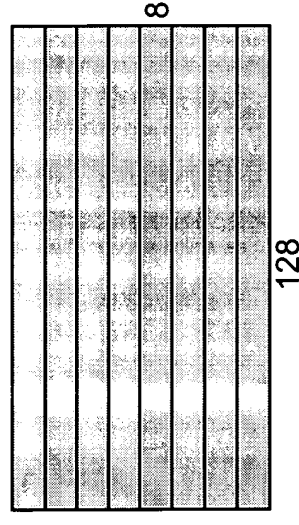




# WMC MicroController Structures

FIG. 9

■ wmc.c contents



■ wmc.pa - physical address



■ wmc.size - size of contents



■ wmc.cv - contents valid



■ wmc.th - thread last used



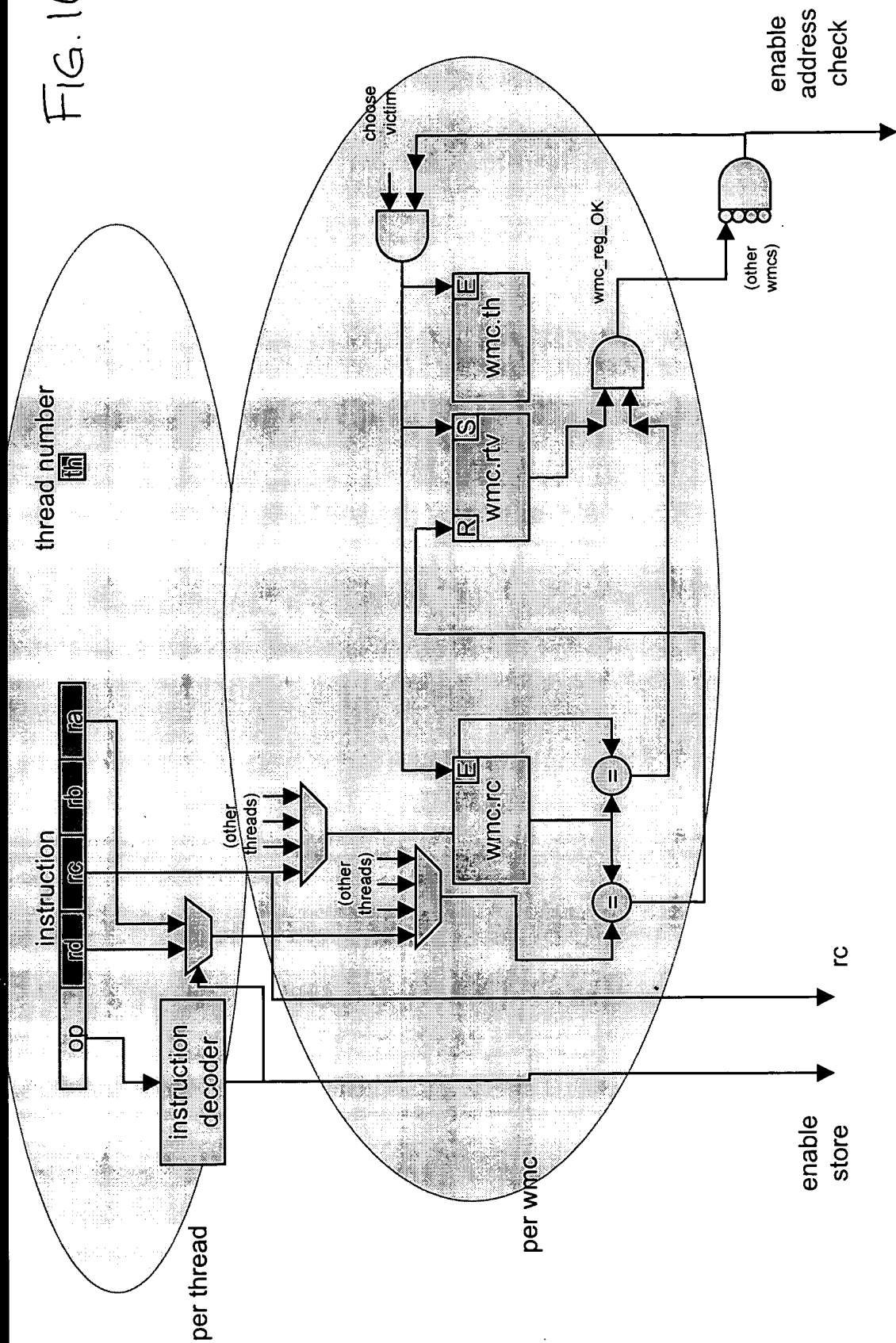
■ wmc.reg - register last used



■ wmc.rtv - register & thread valid



thread number



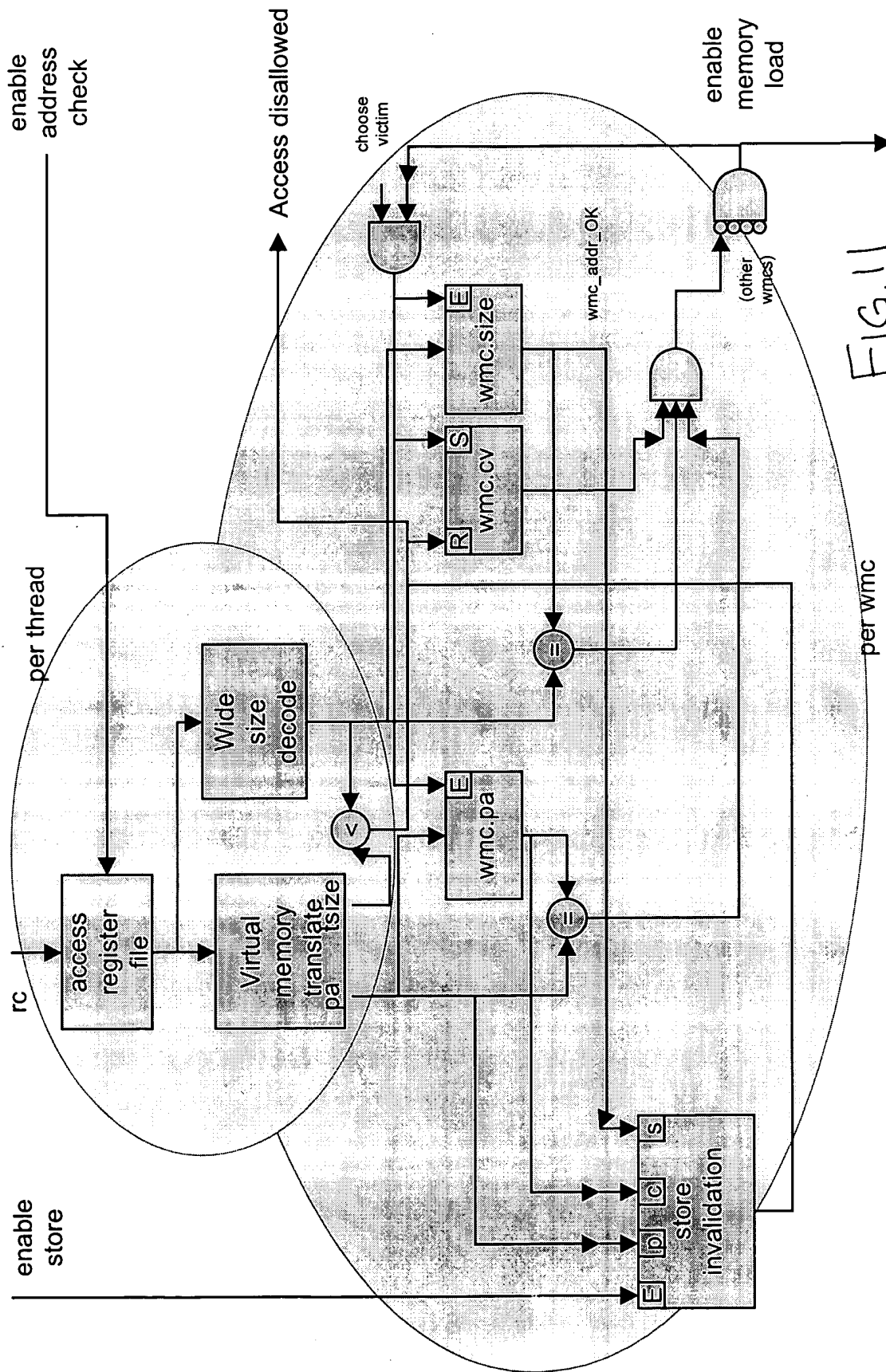


FIG.11